

Environmental Protection Agency

Pt. 63, Subpt. XXXX, Table 5

For each . . .	You must . . .
4. Permanent total enclosure capture system.	a. Maintain the face velocity across any NDO at least at the levels established during the performance test. b. Maintain the size of NDO, the number of NDO, and their proximity to HAP emission sources consistent with the parameters established during the performance test.
5. Other capture system	Maintain the operating parameters within the range(s) established during the performance test and according to your monitoring plan.

TABLE 5 TO SUBPART XXXX OF PART 63—REQUIREMENTS FOR PERFORMANCE TESTS

As stated in §63.5993, you must comply with the requirements for performance tests in the following table:

If you are using . . .	You must . . .	Using . . .	According to the following requirements . . .
1. A thermal oxidizer.	a. Measure total HAP emissions, determine destruction efficiency of the control device, and establish a site-specific firebox secondary chamber temperature limit at which the emission limit that applies to the affected source is achieved.	i. Method 25 or 25A performance test and data from the temperature monitoring system.	(1). Measure total HAP emissions and determine the destruction efficiency of the control device using Method 25 (40 CFR part 60, appendix A). You may use Method 25A (40 CFR part 60, appendix A) if: an exhaust gas volatile organic matter concentration of 50 parts per million (ppmv) or less is required to comply with the standard; the volatile organic matter concentration at the inlet to the control system and the required level of control are such that exhaust volatile organic matter concentrations are 50 ppmv or less; or because of the high efficiency of the control device exhaust, is 50 ppmv or less, regardless of the inlet concentration. (2). Collect firebox secondary chamber temperature data every 15 minutes during the entire period of the initial 3-hour performance test, and determine the average firebox temperature over the 3-hour performance test by computing the average of all of the 15-minute reading.
2. A carbon adsorber (regenerative).	a. Measure total organic HAP emissions, establish the total regeneration mass or volumetric flow, and establish the temperature of the carbon bed within 15 minutes of completing any cooling cycles. The total regeneration mass, volumetric flow, and carbon bed temperature must be those at which the emission limit that applies to the affected source is achieved.	i. Method 25 or Method 25A performance test and data from the carbon bed temperature monitoring device.	(1). Measure total HAP emissions using Method 25. You may use Method 25A, if an exhaust gas volatile organic matter concentration of 50 ppmv or less; or because of the high efficiency of the control device, exhaust is 50 ppmv or less is required to comply with the standard; the volatile organic matter concentration (VOMC) at the inlet to the control system and the required level of control are such that exhaust VOMCs are 50 ppmv or less; or because of the high efficiency of the control device, exhaust is 50 ppmv or less, regardless of the inlet concentration. (2). Collect carbon bed total regeneration mass or volumetric flow for each carbon bed regeneration cycle during the performance test. (3). Record the maximum carbon bed temperature data for each carbon bed regeneration cycle during the performance test. (4). Record the carbon bed temperature within 15 minutes of each cooling cycle during the performance test. (5). Determine the average total regeneration mass or the volumetric flow over the 3-hour performance test by computing the average of all of the readings. (6). Determine the average maximum carbon bed temperature over the 3-hour performance test by computing the average of all of the readings. (7). Determine the average carbon bed temperature within 15 minutes of the cooling cycle over the 3-hour performance test.

If you are using . . .	You must . . .	Using . . .	According to the following requirements . . .
3. Any control device other than a thermal oxidizer or carbon adsorber.	Determine control device efficiency and establish operating parameter limits with which you will demonstrate continuous compliance with the emission limit that applies to the affected source.	EPA-approved methods and data from the continuous parameter monitoring system.	Conduct the performance test according to the site-specific plan submitted according to § 63.7(c)(2)(i).
4. All control devices.	<p>a. Select sampling ports' location and the number of traverse ports.</p> <p>b. Determine velocity and volumetric flow rate.</p> <p>c. Conduct gas analysis ...</p> <p>d. Measure moisture content of the stack gas.</p>	<p>Method 1 or 1A of 40 CFR part 60, appendix A.</p> <p>Method 2, 2A, 2C, 2D, 2F, or 2G of 40 CFR part 60, appendix A.</p> <p>Method 3, 3A, or 3B of 40 CFR part 60 appendix A.</p> <p>Method 4 of 40 CFR part 60, appendix A.</p> <p>Method 204 of CFR part 51, appendix M.</p>	Locate sampling sites at the inlet and outlet of the control device and prior to any releases to the atmosphere.
5. A permanent total enclosure (PTE).	Measure the face velocity across natural draft openings and document the design features of the enclosure.	Method 204 of CFR part 51, appendix M.	Capture efficiency is assumed to be 100 percent if the criteria are met
6. Temporary total enclosure (TTE).	Construct a temporarily installed enclosure that allows you to determine the efficiency of your capture system and establish operating parameter limits.	Method 204 and the appropriate combination of Methods 204A–204F of 40 CFR part 51, appendix M.	

TABLE 6 TO SUBPART XXXX OF PART 63—INITIAL COMPLIANCE WITH THE EMISSION LIMITS FOR TIRE PRODUCTION AFFECTED SOURCES

As stated in § 63.5996, you must show initial compliance with the emission limits for tire production affected sources according to the following table:

For . . .	For the following emission limit . . .	You have demonstrated initial compliance if . . .
1. Sources complying with the purchase compliance alternative in § 63.5985(a).	The HAP constituent option in Table 1 to this subpart, option 1.	You demonstrate for each monthly period that no cements and solvents were purchased and used at the affected source containing HAP in amounts above the composition limits in Table 1 to this subpart, option 1, determined according to the procedures in § 63.5994(a) and (b)(1).
2. Sources complying with the monthly average compliance alternative without using a control device in § 63.5985(b).	The HAP constituent option in Table 1 to this subpart, option 1.	You demonstrate that the monthly average HAP emissions for each monthly operating period do not exceed the emission limits in Table 1 to this subpart, option 1, determined according to the applicable procedures in § 63.5994(a) and (b)(2).
3. Sources complying with the monthly average compliance alternative using a control device in § 63.5985(c).	The HAP constituent option in Table 1 to this subpart, option 1.	You demonstrate that the monthly average HAP emissions for each monthly operating period do not exceed the emission limits in Table 1 to this subpart, option 1, determined according to the applicable procedures in § 63.5994(a), (b)(3) and (4), and (d) through (f).
4. Sources complying with the monthly average compliance alternative without use of a control device in § 63.5985(b).	The production-based option in Table 1 to this subpart, option 2.	You demonstrate that the monthly average HAP emissions for each monthly operating period do not exceed the emission limits in Table 1 to this subpart, option 2, determined according to the applicable procedures in § 63.5994(c)(1) through (3).
5. Sources complying with the monthly average compliance alternative using a control device in § 63.5985(c).	The production-based option in Table 1 to this subpart, option 2.	You demonstrate that the monthly average HAP emissions for each monthly operating period do not exceed the emission limits in Table 1 to this subpart, option 2, determined according to the applicable procedures in § 63.5994(c)(1) and (2), (4) and (5), and (d) through (f).